wirewerks
CONNECTING THE WORLD

Product Data Sheet:
CAT5e and CAT6 CMR Stranded UTP Patch Cord

Applications

- Multimedia Connections
- Patch panel connections
- Consolidation point connections
- Work Area

Features and Benefits

- Patch cords Fluke tested for components, continuity, and wire map.
- Patch cords are guaranteed to meet ANSI/TIA-568-C.2
- Sequential length markers on cable in feet
- Quick delivery
- Stranded conductors for cable flexibility and ease of installation
- Over molded strain relief boot
- Connector's pins Gold plated 50U" over 100U" Nickel
- Offered in 6 colors: grey, blue, white, green, yellow and red

Description

Wirewerks CAT5e and CAT6 UTP CMR patch cords are the dependable copper connectivity products for your most stringent requirements.

In addition to use the most reliable components and material in our manufacturing process, we have implemented a quality Assurance Plan with rigorous test procedures and inspection cycles.

Wirewerks guarantees these patch cords to pass all specifications set forth in ANSI/TIA-568-C.2

wirewerks
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RoHS Compliant

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CAT5e and CAT6 CMR Stranded UTP Patch Cord

Ordering information

CC			A		LL		C	XXX		
		4 0		R						

CC - Cord Performance & Type
C5 = Cat5E OverMold Boot
C6 = Cat6 OverMold Boot

LL - Color
WH = white
GY = grey
BL = blue
YL = yellow
GN = green
RD = red

XXX - Length

Patch Cords	Pigtails
002 = 2ft	015=15ft
004 = 4ft	025=25ft
007 = 7ft	035=35ft
010 = 10ft	050=50ft
015=15ft	
025=25ft	

A - Conductor Size
1 = Solid pigtail
2 = Stranded patch cords

C - Configuration
A = RJ45 Patch Cord 568A / B
C = RJ45 Pigtail 568A

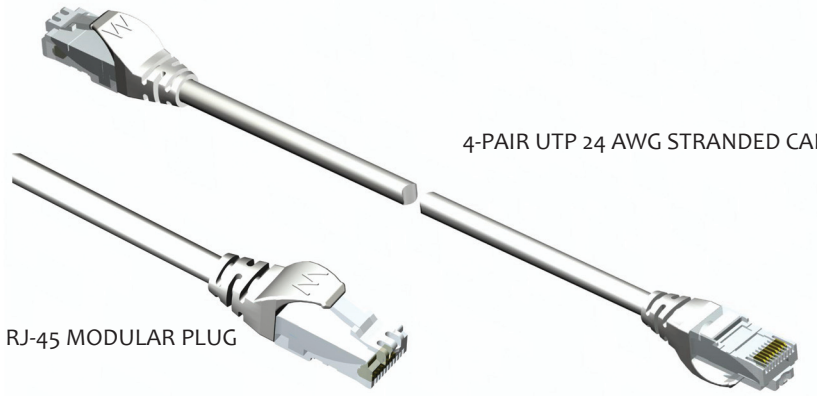
Technical Specifications

Mechanical Characteristics

Parameter	Value
Operating Temperature	-20ºC ~ 60ºC
Storage Temperature	-40ºC ~ 60ºC
Cable Core	4 twisted pair
Conductor	24AWG bare copper
Insulation	Polyolefin compound
Jacket	Polyvinyl Chloride (PVC) CMR
Strain Relief Boot	Polyvinyl Chloride (PVC)
Plug	8 position RJ-45 modular plug
Contact	50U" gold over 100U" Nickel

Electrical Characteristics

Parameter	Value	
	CAT5e	CAT6
	Measured at 100MHz	Measured at 250MHz
Minimum NEXT	35.3dB	38.3dB
Minimum Return Loss	19dB	15.6dB
Minimum PSNEXT	32.3dB	36.3dB
Maximum Insertion Loss (on 100m)	26.4dB	39.4dB



4-PAIR UTP 24 AWG STRANDED CABLE

SNAGLESS STRAIN RELIEF RJ-45 MODULAR PLUG

Certification and Compliance

RoHS	Directive on Restriction of Hazardous Substances
ANSI/TIA-568-C.2	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
FCC 47, Part 68	Connection of Terminal Equipment to the Public Switched Telephone Network
ISO 11801	Generic Cabling for Customer Premises
UL 94	Tests for Flammability of Plastic Materials for Parts in Devices and appliances.
UL 444	Safety Bi-National standard
cULus	Listed Communication Circuit Accessories

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